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CLAIMS

1. A grinding roller for the pressure comminution of granular material, in particular for rolling presses for comminuting a bed of material, having a roller shell (10) with wear-resistant surface reinforcement, suitable in particular for autogenous wear protection, and with end-face reinforcement,
characterized by the following features:
- a) the end face reinforcement does not comprise material built up by surface welding, but a multiplicity of prefabricated hard bodies (12) arranged in series to form a circle and forming the peripheral end edge of the roller,
- b) at the end edge of the roller, the hard bodies (12) are arranged in a peripheral annular shoulder (11) of the roller shell (10), are supported both axially and radially on the annular shoulder (11) of the roller shell and are detachably connected to the roller shell (10),
- c) the hard bodies (12) protrude both axially from the end face and radially from the surface of the roller shell (10).
2. The grinding roller as claimed in claim 1, characterized in that the hard bodies (12) are clamped in the peripheral annular shoulder (11) of the roller shell (10) by means of screwing and

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clamping elements (13, 14) distributed over the periphery of the roller end face.

3. The grinding roller as claimed in claim 1,
5 characterized in that the radially inner surfaces of the hard bodies (12), by which they are radially supported on the annular shoulder (11) of the roller shell, are arcuately curved in a convex manner or planar, in the latter case the radially
10 inner contour of the annular shoulder (11) representing a polygon.
4. The grinding roller as claimed in claim 1,
15 characterized in that the hard bodies (17) have, seen in plan view, the shape of a hammerhead with a shaft (18), the hammerhead respectively being arranged in the annular groove (11) of the roller shell and the shaft (18) respectively being inserted in formed-in, e.g. milled-in, radial/axial
20 grooves (19) distributed around the circumference of the roller end face.
5. The grinding roller as claimed in claim 4,
25 characterized in that the shaft (18) of the hammerhead-shaped hard bodies (17) has at the end a cylindrical thickening (21), which is respectively made to fit in the radial bores of the outer series of bores adjacent the edge of the roller shell of the roller end face, so that the hard bodies (17)
30 are axially secured in the roller shell (10) by this thickening (21).
6. The grinding roller as claimed in claim 5,
characterized in that, for the radial fixing of the

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hammerhead-shaped hard bodies (17), they are adhesively bonded or soldered in their radial grooves (19).

- 5 7. The grinding roller as claimed in claims 4 or 5,
characterized in that the hammerhead-shaped hard
bodies (17) are radially supported only over the
underside (20) of the shaft (18) at the base of the
groove (19) and not on the annular shoulder (11) of
10 the roller shell.